

09678689\_CLS.txt  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09678689 on May 12, 2005

Original Classifications

3 713/200  
2 705/14  
2 705/408  
2 710/36  
2 713/201  
2 714/45  
2 717/151  
2 725/43

Cross-Reference Classifications

3 704/275  
3 705/53  
3 725/104  
3 725/45  
3 725/58  
3 725/60  
3 725/61  
2 705/400  
2 705/80  
2 707/203  
2 709/224  
2 710/40  
2 710/64  
2 713/155  
2 713/176  
2 714/38  
2 717/130  
2 717/146

Combined Classifications

3 704/275  
3 705/14  
3 705/53  
3 705/80  
3 713/200  
3 713/201  
3 725/104  
3 725/45  
3 725/58  
3 725/60  
3 725/61  
2 705/1  
2 705/400  
2 705/408  
2 705/57  
2 707/203  
2 709/224  
2 709/229  
2 710/36  
2 710/40  
2 710/64  
2 713/155  
2 713/176  
2 714/38  
2 714/45  
2 717/106  
2 717/130  
2 717/146

09678689\_CLS.txt

2 717/151  
2 725/43

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09678689 on May 12, 2005

- 3 704/275 (0 OR, 3 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/270 .Application  
704/275 ..Speech controlled system
- 3 705/14 (2 OR, 1 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
PRACTICE OR MANAGEMENT ARRANGEMENT  
705/14 .Distribution or redemption of coupon, or  
incentive or promotion program
- 3 705/53 (0 OR, 3 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
705/51 .Usage protection of distributed data files  
705/52 ..Usage or charge determination  
705/53 ...Including third party for collecting or  
distributing payment (e.g., clearinghouse)
- 3 705/80 (1 OR, 2 XR)  
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
705/80 ELECTRONIC NEGOTIATION
- 3 713/200 (3 OR, 0 XR)  
Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT  
713/200 SECURITY
- 3 713/201 (2 OR, 1 XR)  
Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: SUPPORT  
713/200 SECURITY  
713/201 .Computer network
- 3 725/104 (0 OR, 3 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/86 USER-REQUESTED VIDEO PROGRAM SYSTEM  
725/104 .Pay-per-view
- 3 725/45 (0 OR, 3 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/37 OPERATOR INTERFACE  
725/38 .To facilitate tuning or selection of video  
signal  
725/39 ..Electronic program guide  
725/44 ...Content arrangement  
725/45 ....Based on genre, theme, or category
- 3 725/58 (0 OR, 3 XR)  
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
725/37 OPERATOR INTERFACE  
725/38 .To facilitate tuning or selection of video

signal

- 725/58 ..Program reserve or reminder system
- 3 725/60 (0 OR, 3 XR)  
 Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
 725/37 OPERATOR INTERFACE  
 725/60 .Interactive product selection
- 3 725/61 (0 OR, 3 XR)  
 Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
 725/37 OPERATOR INTERFACE  
 725/61 .Interactive program selection
- 2 705/1 (1 OR, 1 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS  
 PRACTICE OR MANAGEMENT ARRANGEMENT
- 2 705/400 (0 OR, 2 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/400 FOR COST/PRICE
- 2 705/408 (2 OR, 0 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/400 FOR COST/PRICE  
 705/401 .Postage meter system  
 705/408 ..Specific printing
- 2 705/57 (1 OR, 1 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/51 .Usage protection of distributed data files  
 705/57 ..Copy protection or prevention
- 2 707/203 (0 OR, 2 XR)  
 Class 707 : DATA PROCESSING: DATABASE AND FILE  
 MANAGEMENT OR DATA STRUCTURES  
 707/200 FILE OR DATABASE MAINTENANCE  
 707/201 .Coherency (e.g., same view to multiple users)  
 707/203 ..Version management
- 2 709/224 (0 OR, 2 XR)  
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
 709/223 COMPUTER NETWORK MANAGING  
 709/224 .Computer network monitoring
- 2 709/229 (1 OR, 1 XR)  
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
 709/227 COMPUTER-TO-COMPUTER SESSION/CONNECTION  
 ESTABLISHING  
 709/229 .Network resources access controlling
- 2 710/36 (2 OR, 0 XR)  
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA  
 PROCESSING SYSTEMS: INPUT/OUTPUT  
 710/1 INPUT/OUTPUT DATA PROCESSING

- 710/36 .Input/Output access regulation
- 2 710/40 (0 OR, 2 XR)  
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA  
 PROCESSING SYSTEMS: INPUT/OUTPUT  
 710/1 INPUT/OUTPUT DATA PROCESSING  
 710/36 .Input/Output access regulation  
 710/40 ..Access prioritization
- 2 710/64 (0 OR, 2 XR)  
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA  
 PROCESSING SYSTEMS: INPUT/OUTPUT  
 710/1 INPUT/OUTPUT DATA PROCESSING  
 710/62 .Peripheral adapting  
 710/64 ..Via common units and peripheral-specific  
 units
- 2 713/155 (0 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/155 .Central trusted authority provides computer  
 authentication
- 2 713/176 (0 OR, 2 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: SUPPORT  
 713/150 MULTIPLE COMPUTER COMMUNICATION USING  
 CRYPTOGRAPHY  
 713/168 .Particular communication authentication  
 technique  
 713/176 ..Authentication by digital signature  
 representation or digital watermark
- 2 714/38 (0 OR, 2 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING  
 714/1 .Reliability and availability  
 714/25 ..Fault locating (i.e., diagnosis or testing)  
 714/37 ...Analysis (e.g., of output, state, or design)  
 714/38 ....Of computer software
- 2 714/45 (2 OR, 0 XR)  
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
 DETECTION/RECOVERY  
 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING  
 714/1 .Reliability and availability  
 714/25 ..Fault locating (i.e., diagnosis or testing)  
 714/45 ...Output recording (e.g., signature or trace)
- 2 717/106 (1 OR, 1 XR)  
 Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,  
 INSTALLATION, AND MANAGEMENT  
 717/100 SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,  
 INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)

```

717/106      .Code generation

2  717/130    (0 OR, 2 XR)
  Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
              INSTALLATION, AND MANAGEMENT
717/100      SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
              INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
717/124      .Testing or debugging
717/130      ..Including instrumentation and profiling

2  717/146    (0 OR, 2 XR)
  Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
              INSTALLATION, AND MANAGEMENT
717/100      SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
              INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
717/136      .Translation of code
717/140      ..Compiling code
717/146      ...Including intermediate code

2  717/151    (2 OR, 0 XR)
  Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
              INSTALLATION, AND MANAGEMENT
717/100      SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
              INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
717/136      .Translation of code
717/140      ..Compiling code
717/151      ...Optimization

2  725/43     (2 OR, 0 XR)
  Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
725/37      OPERATOR INTERFACE
725/38      .To facilitate tuning or selection of video
              signal
725/39      ..Electronic program guide
725/40      ...For displaying additional information
725/43      ....With separate window, panel, or screen

```